



Serial No.: 09/878,603 Filed: 06/11/01
Examiner Group Art Unit
Applicant Peter A Ward
Title. Compositions And Methods For The
 Treatment Of Sepsis
Atty. Docket No. UM-06340 Sheet 1 of 11

Survival Curves in Septic Rats

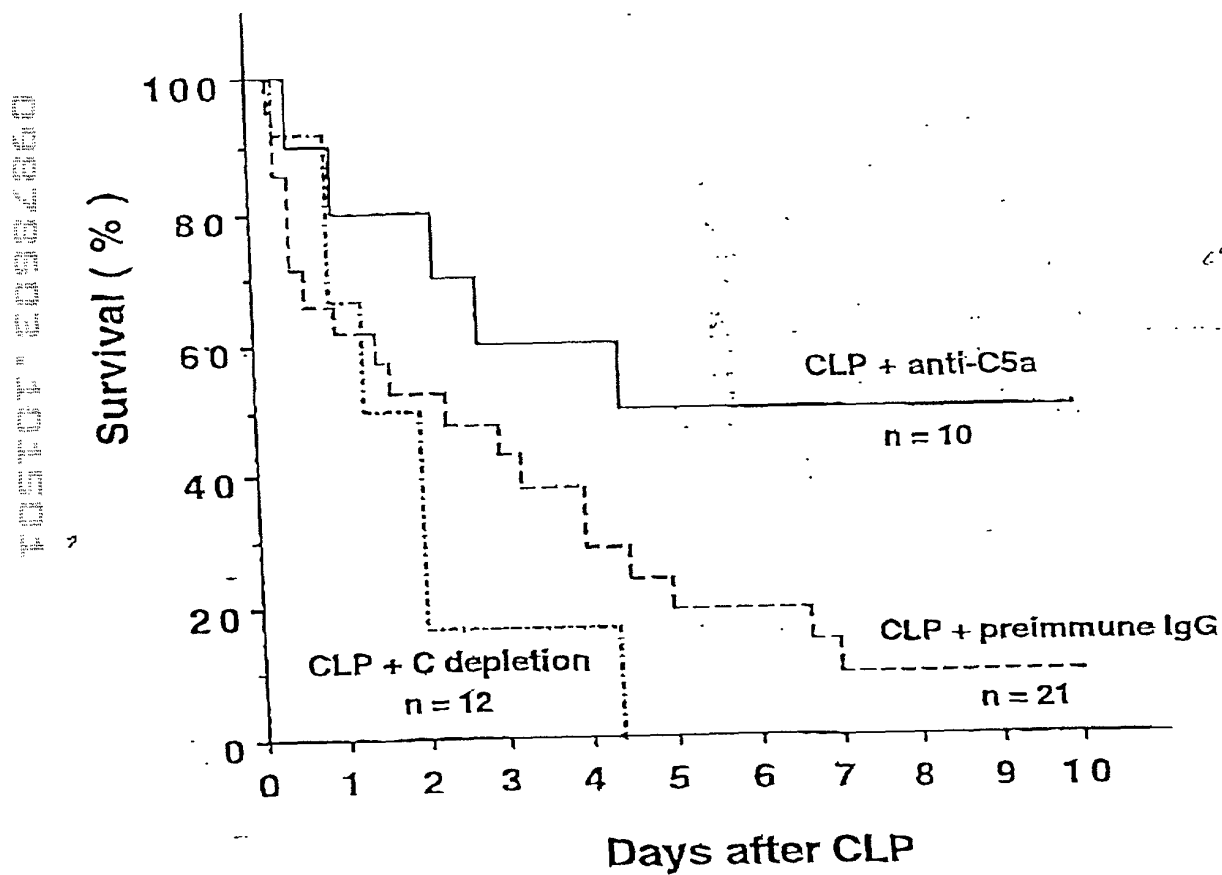


FIG 1

Anti-C5a Reduces Bacteria in Blood 36 hours after CLP

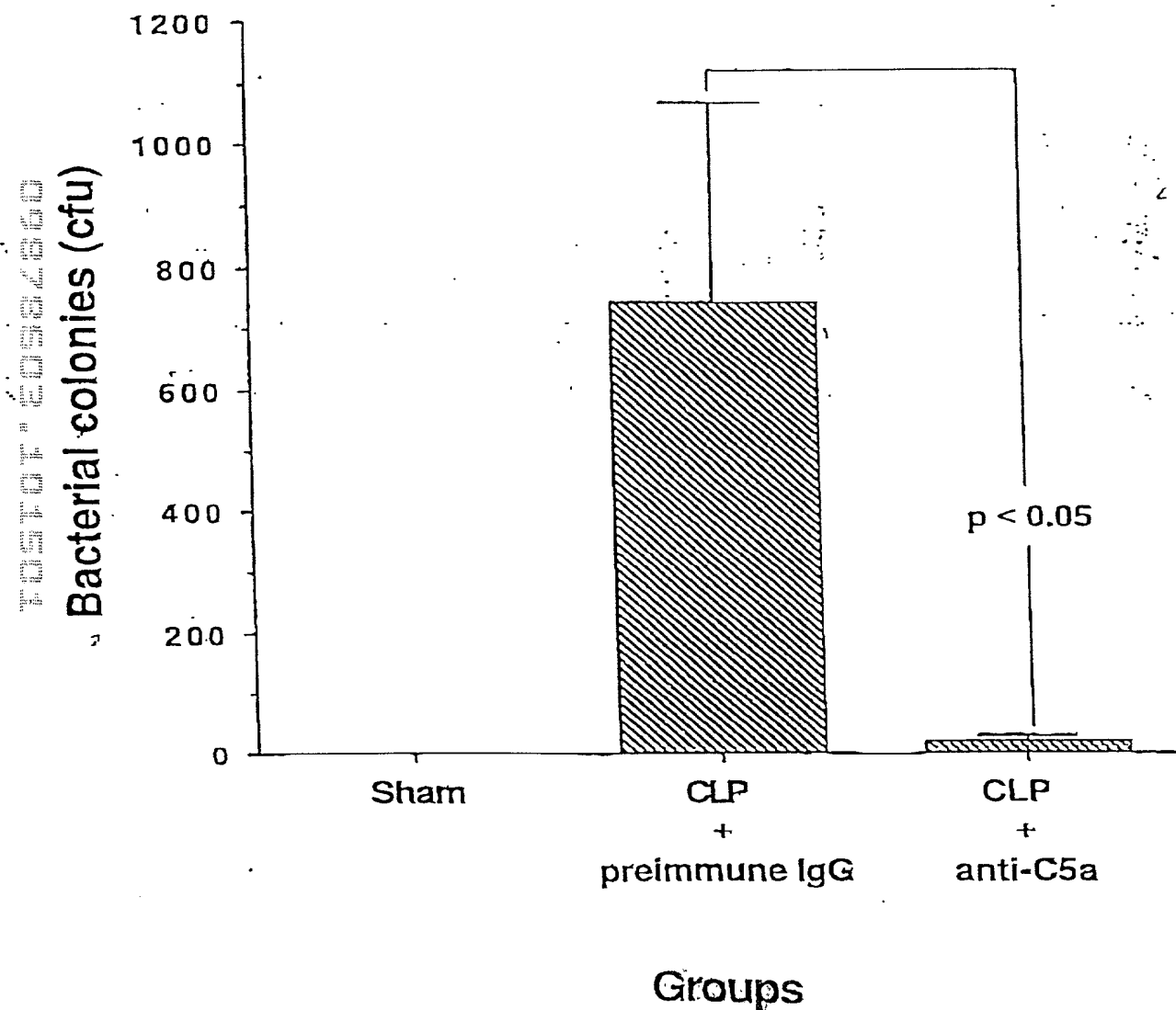


FIG 2

Effect of Anti-C5a on Bacterial Counts in Septic Rats at 36 hrs

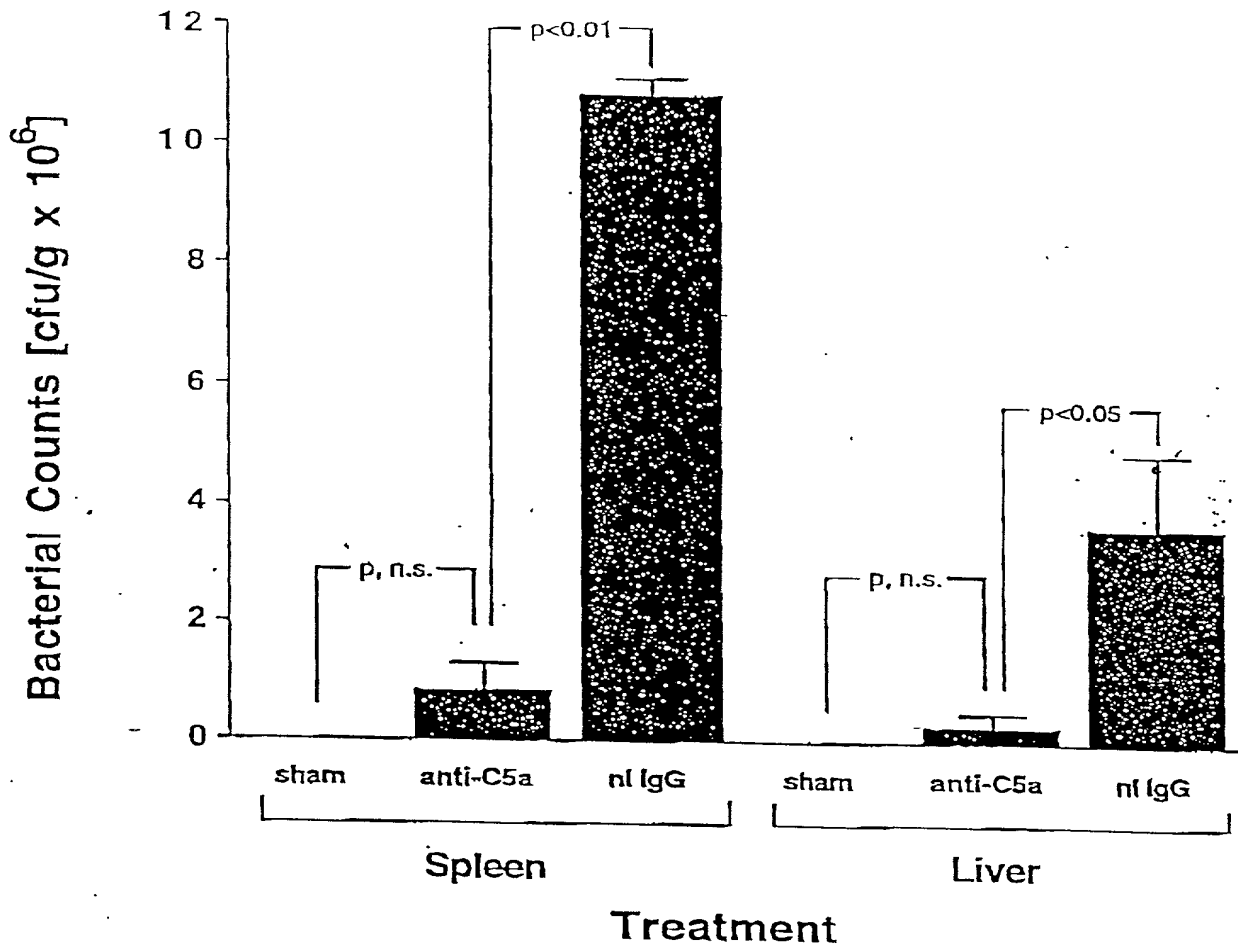


FIG 3

H₂O₂ Release from Blood Neutrophils

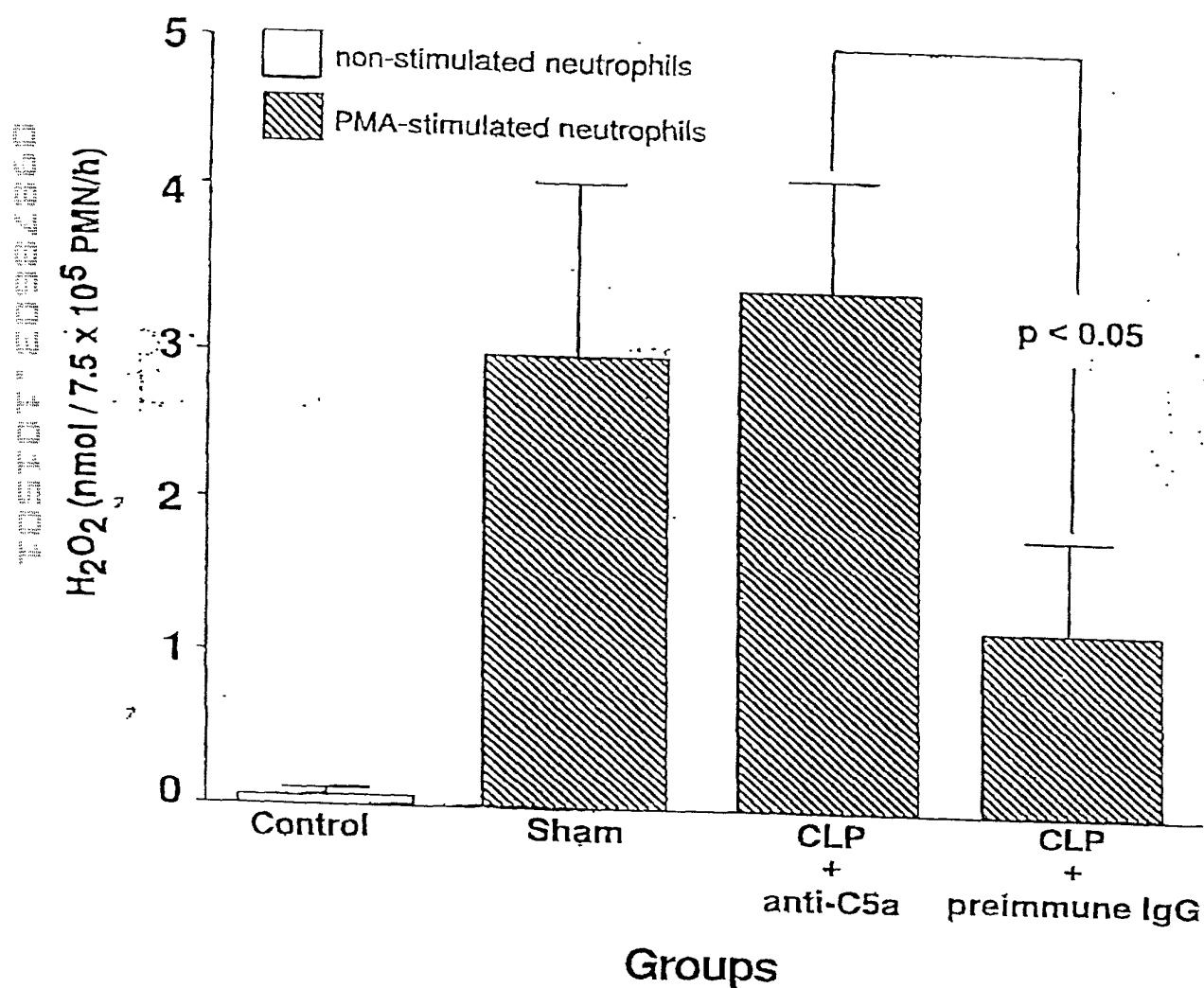


FIG 4

Synthetic Peptides reduce huC5a-induced Chemotaxis

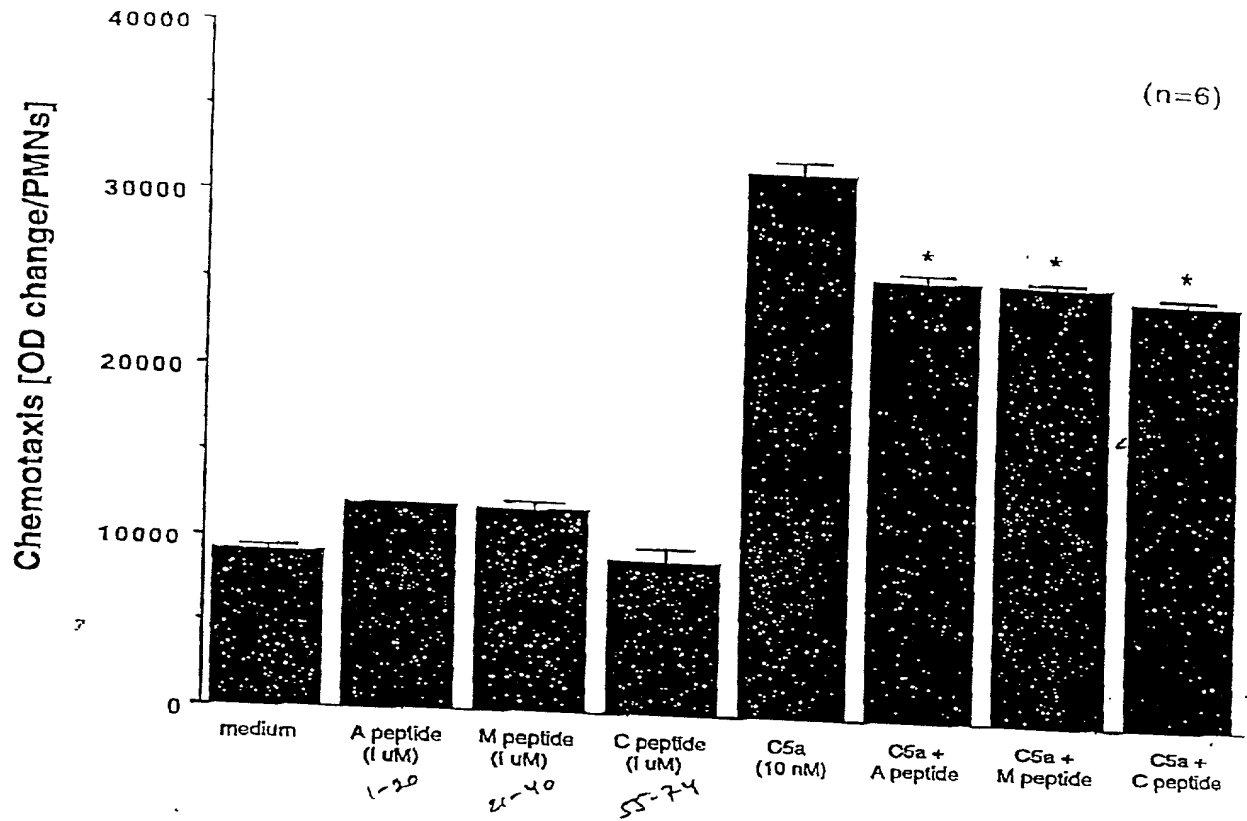


FIG 5

Chemotactic Activity of KLH-linked synthetic peptides
of huC5a

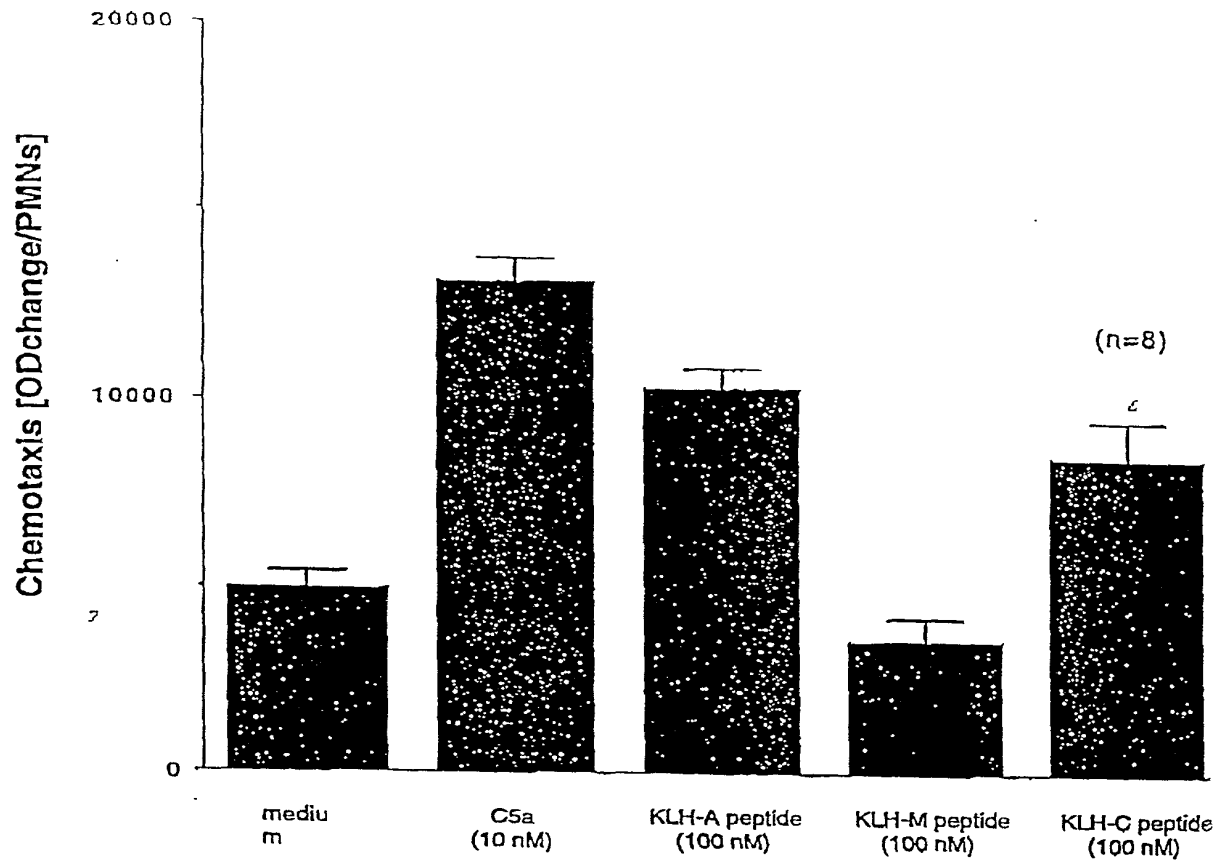


FIG 6

Western Blots Using Anti-C5a

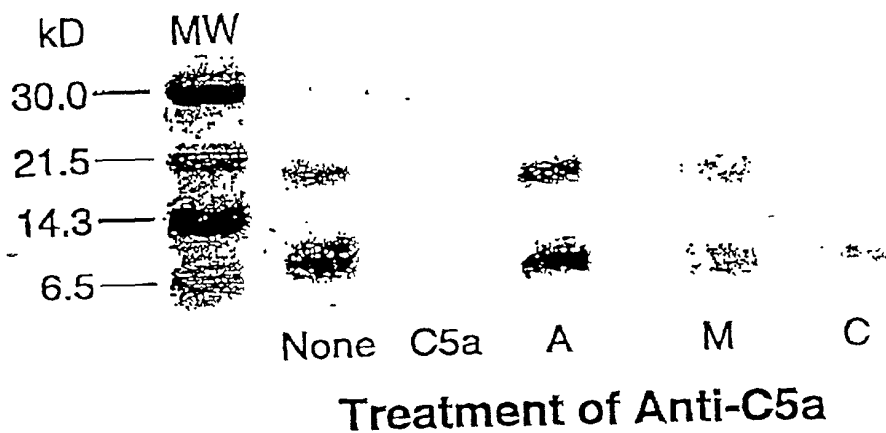
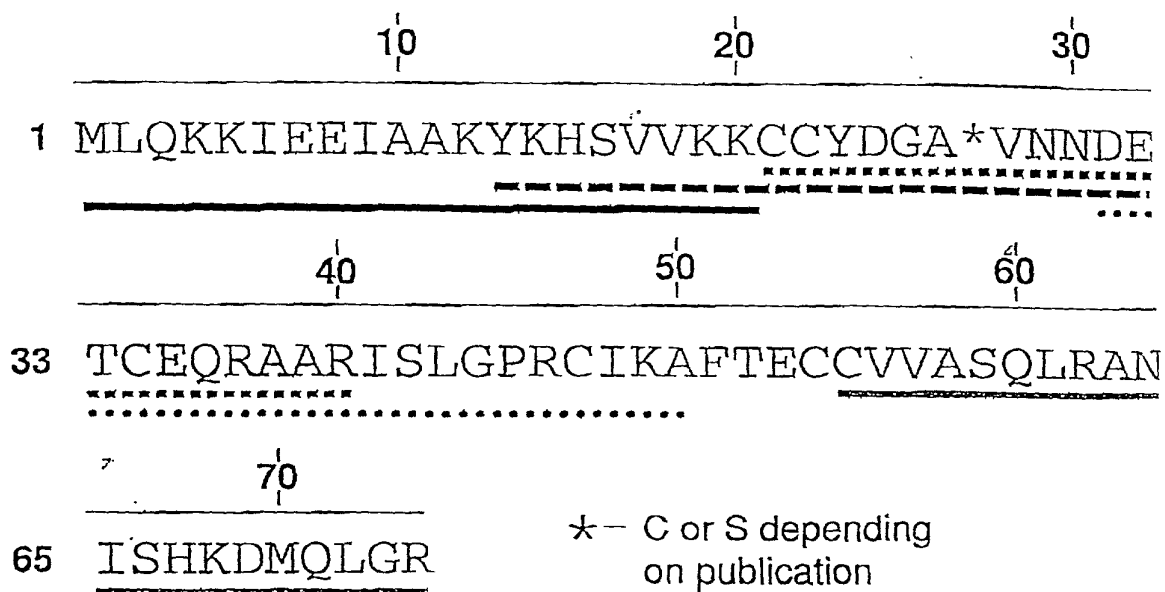


FIG 7

SEQUENCES SELECTED FOR HUMAN C5a

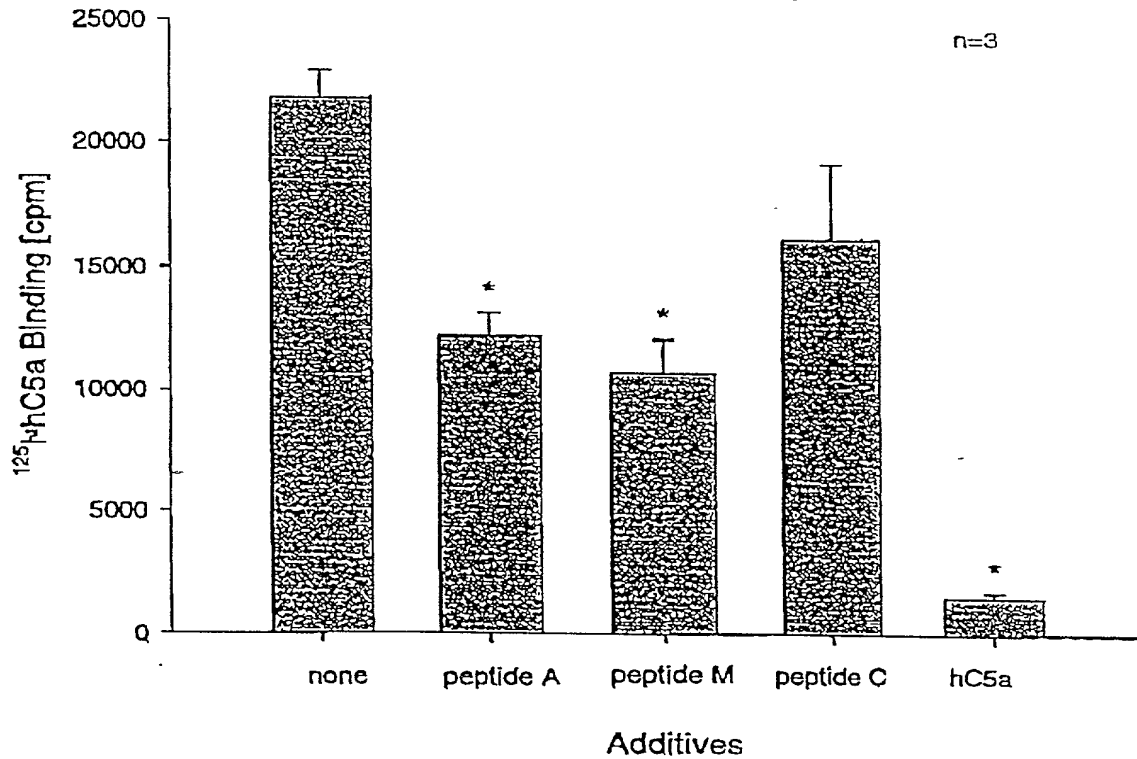


Sequences Selected:

1-20 (A) -----
13-32 -----
21-40 (M) -----
31-50 -----
55-74 (C) -----

FIG 8

Binding of ^{125}I -hC5a to human Neutrophils



peptide A: H-MLQKKIEEIAAKYKHSVKK-OH

peptide M: H-CCYDGASVNNDTCEQRAAR-OH

peptide C: H-CVVASQLRANISHKDMQLGR-OH

FIG 9

PMA-induced H_2O_2 -Responses in huPMNs after Exposure to huC5a and C5a-Synthetic Peptides

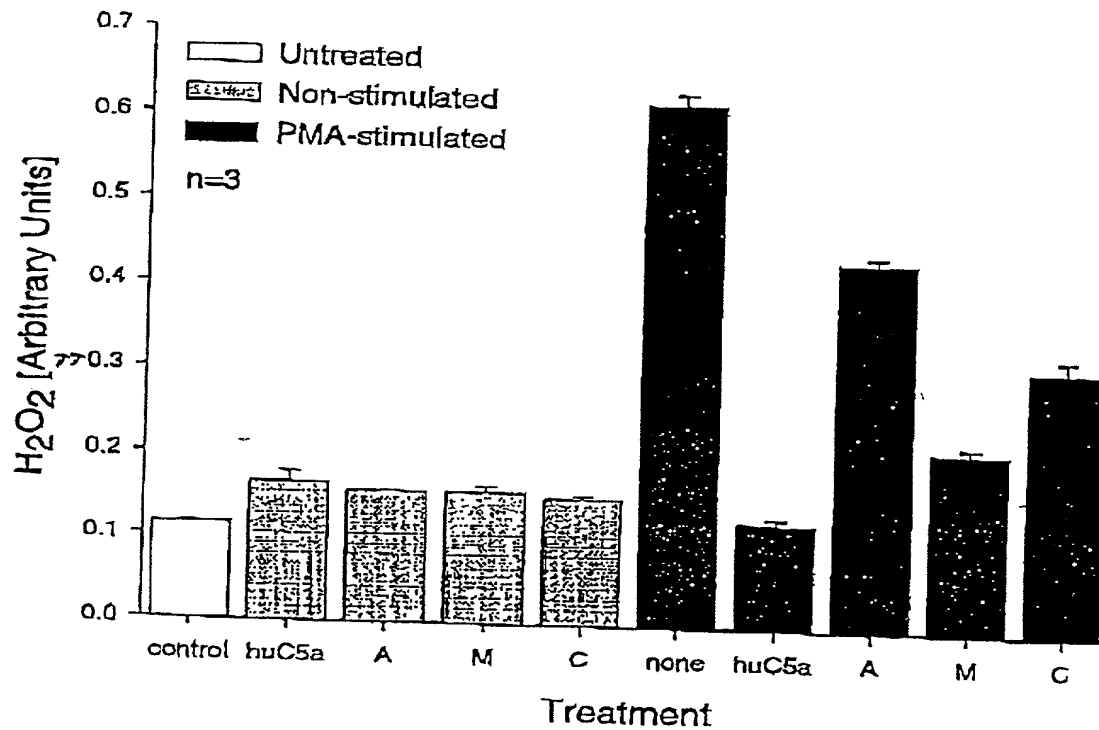


FIG 10

Specific Detection of hC5a by Anti-hu C5a M-Peptide

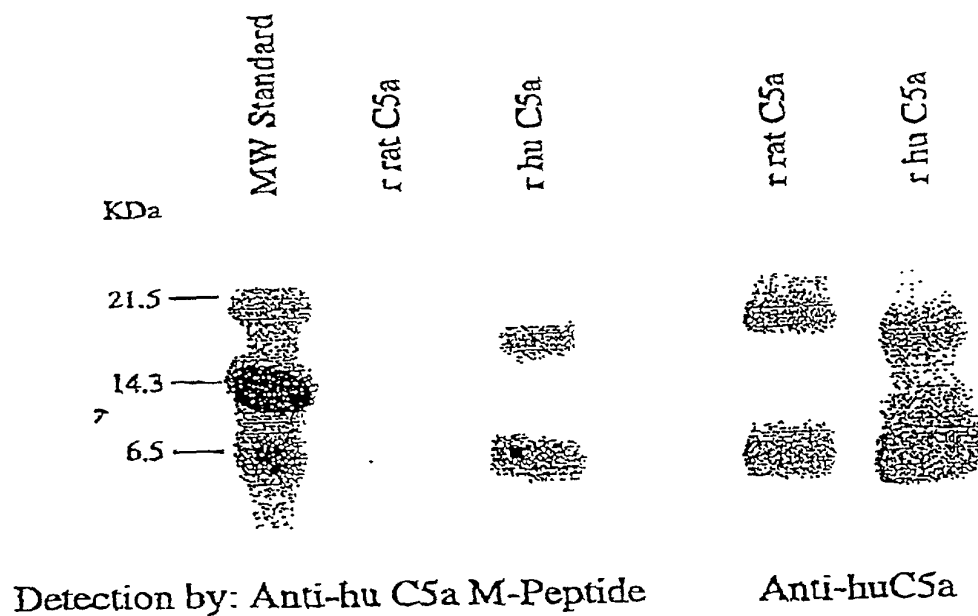


FIG 11